

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025812.D
 Acq On : 15 Dec 2021 14:02
 Operator : JC/MD
 Sample : VX1216WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBL01

Quant Time: Dec 16 07:29:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	150517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	258222	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98682	45.566	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.140%
35) Dibromofluoromethane	5.391	113	82593	45.863	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.720%
50) Toluene-d8	8.653	98	301764	45.990	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.980%#
62) 4-Bromofluorobenzene	11.085	95	111967	44.922	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.840%

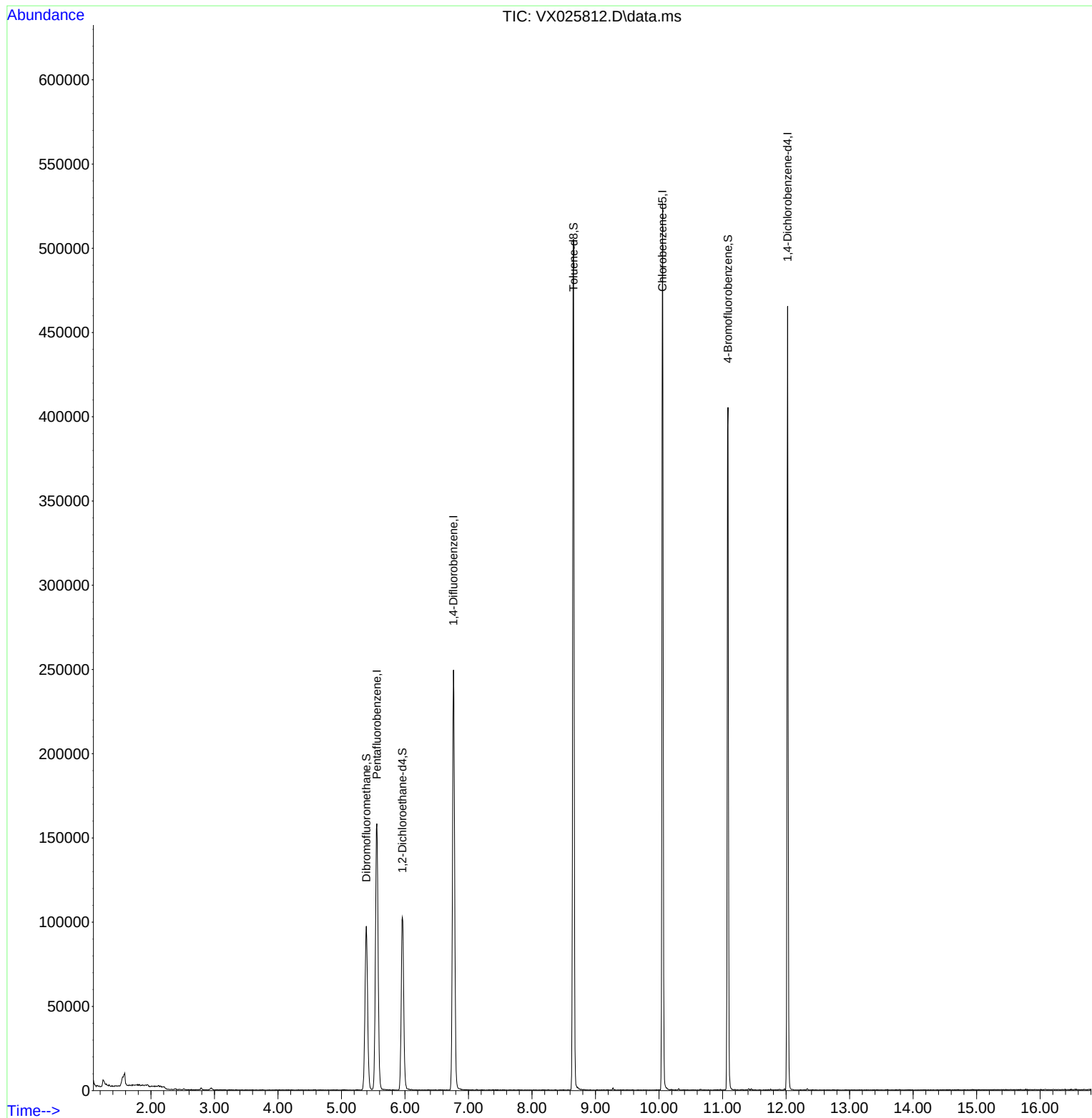
Target Compounds	Qvalue

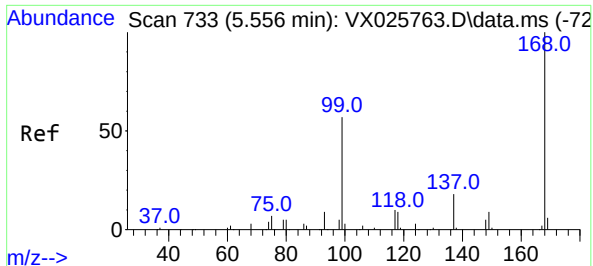
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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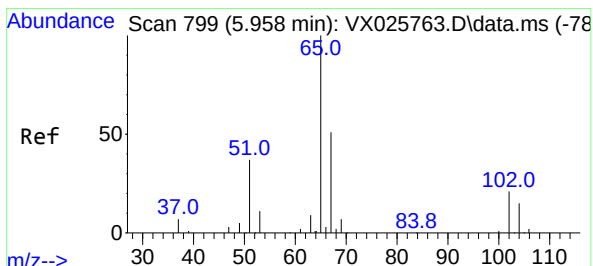
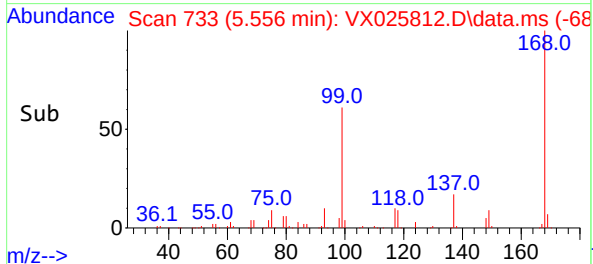
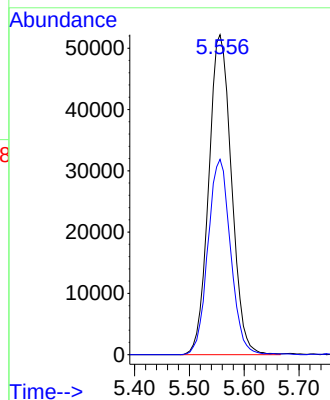
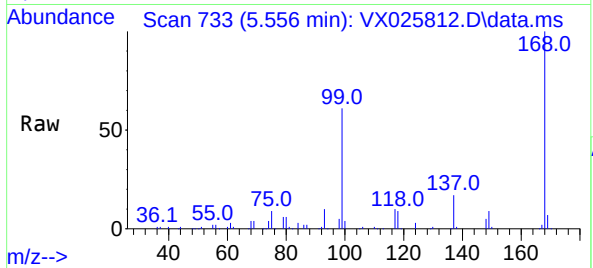




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

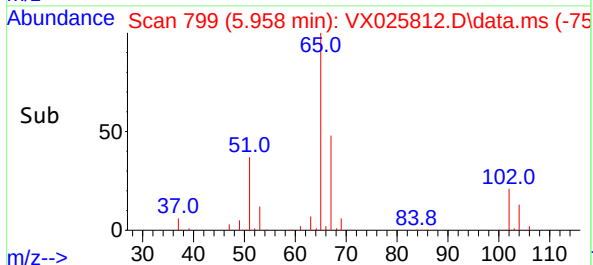
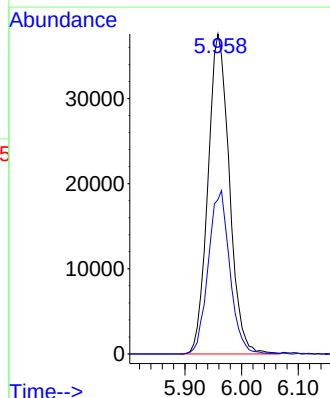
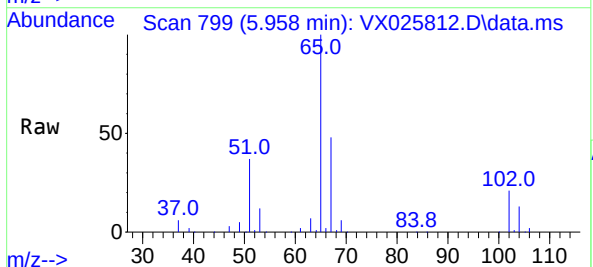
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBL01

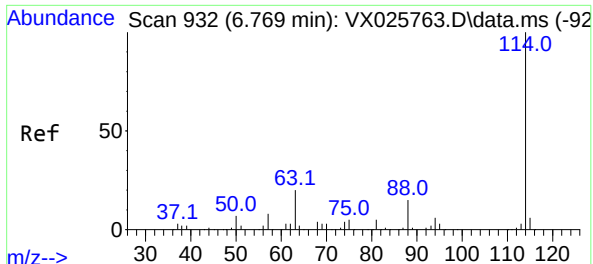
Tgt Ion:168 Resp: 150517
Ion Ratio Lower Upper
168 100
99 61.0 45.8 68.8



#33
1,2-Dichloroethane-d4
Concen: 45.566 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

Tgt Ion: 65 Resp: 98682
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4

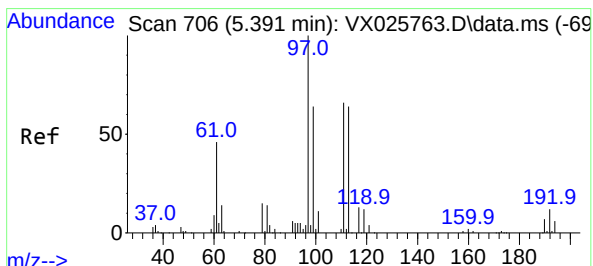
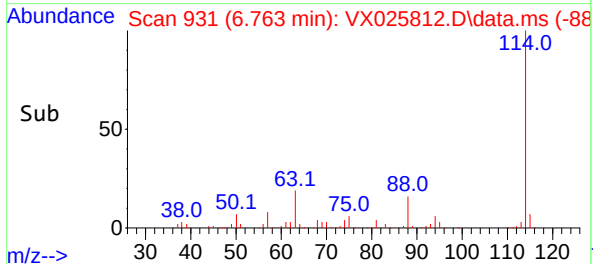
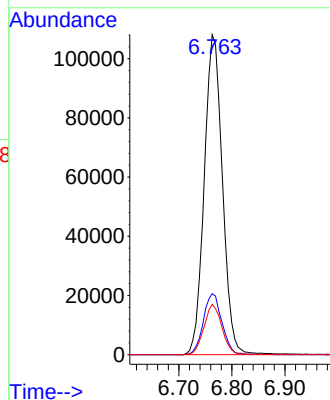
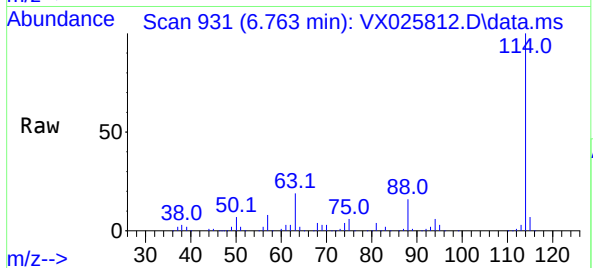




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

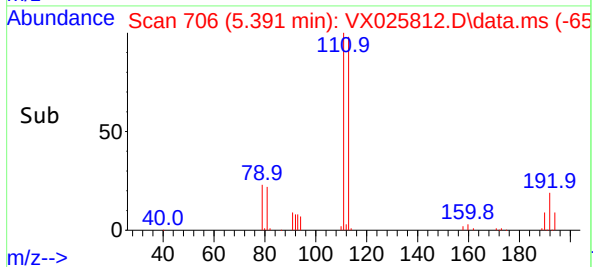
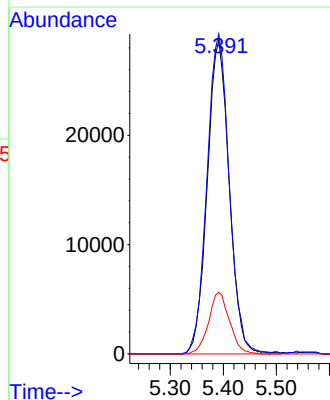
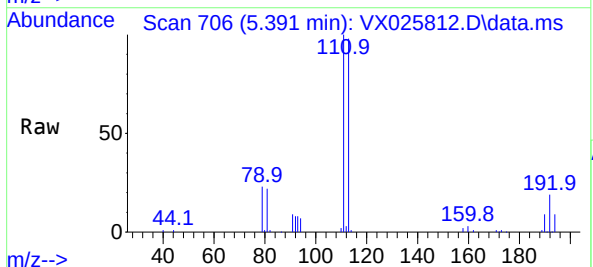
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBL01

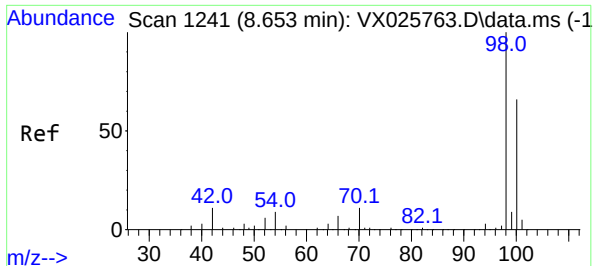
Tgt Ion:114 Resp: 258222
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.863 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

Tgt Ion:113 Resp: 82593
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 18.8 15.0 22.4

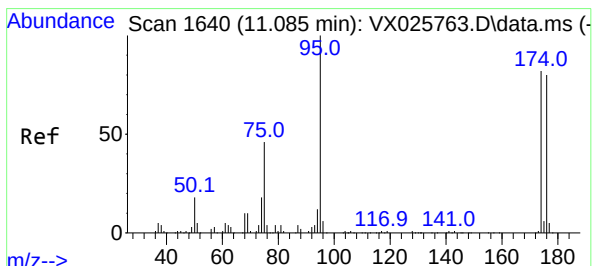
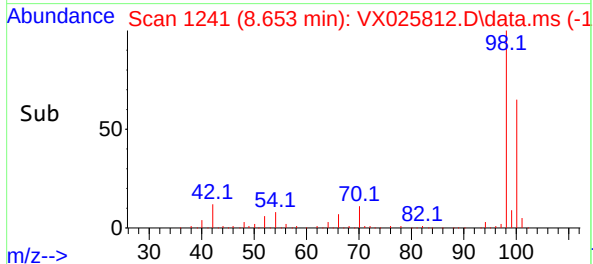
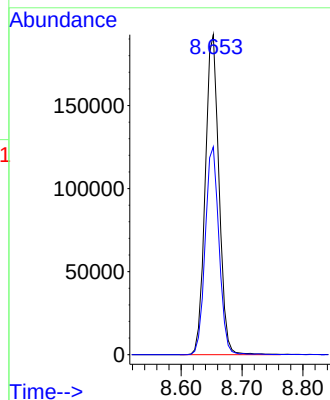
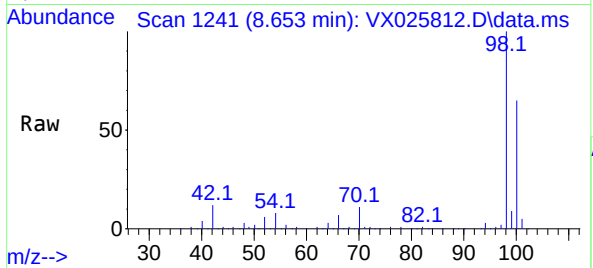




#50
Toluene-d8
Concen: 45.990 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

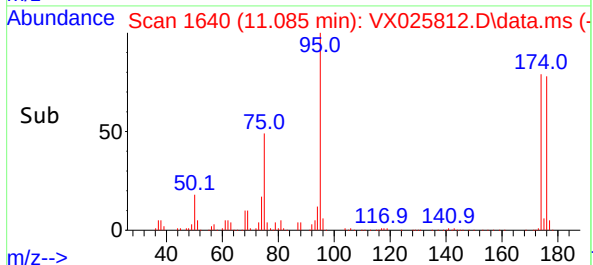
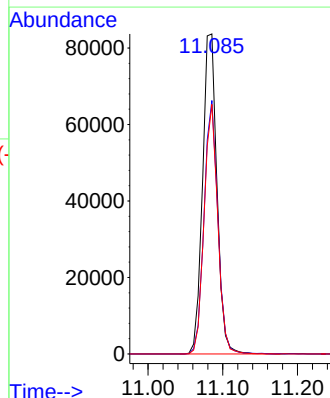
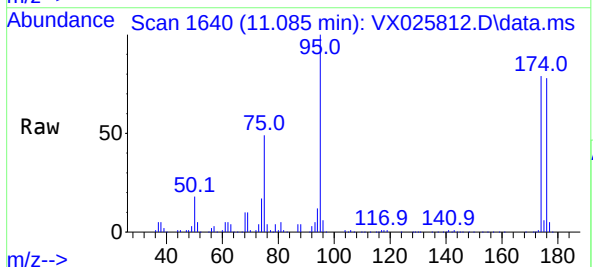
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBL01

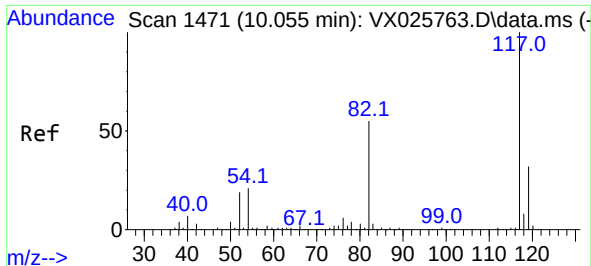
Tgt Ion: 98 Resp: 301764
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.922 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

Tgt Ion: 95 Resp: 111967
Ion Ratio Lower Upper
95 100
174 75.4 0.0 157.4
176 73.9 0.0 154.6

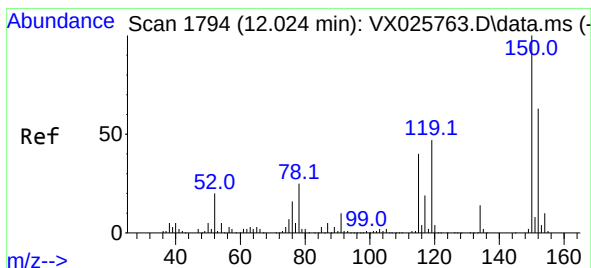
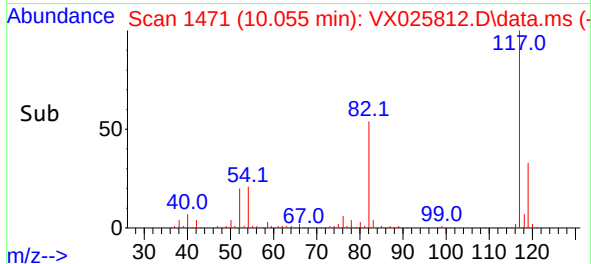
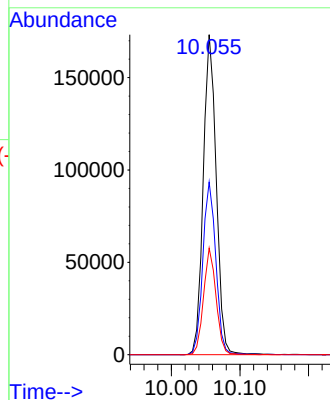
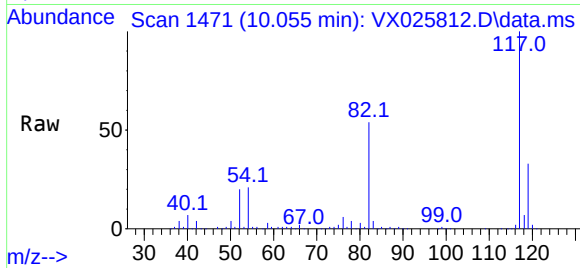




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBL01

Tgt Ion:117 Resp: 229115
Ion Ratio Lower Upper
117 100
82 54.0 43.8 65.6
119 33.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

Tgt Ion:152 Resp: 90967
Ion Ratio Lower Upper
152 100
115 60.3 41.3 123.9
150 159.2 0.0 351.8

